

ACE SERVICES

KANSAS

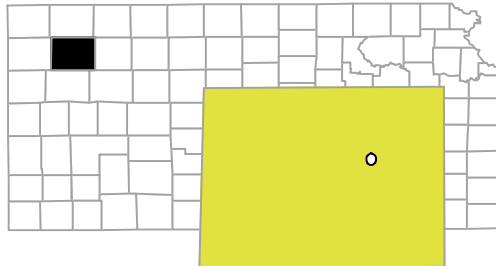
EPA ID# KSD046746731

EPA Region 7

City: Colby

County: Thomas County

Other Names:



SITE DESCRIPTION

The 2 1/2-acre Ace Services site is a former chrome plating facility where chrome plating was applied to farm implement parts. The facility operated from 1969 to 1989, and was permanently closed in early 1990. From 1969 to 1975, chrome plating wastewater generated during operations at the Ace Services facility was discharged directly to the ground surface immediately west of the unnamed tributary to Prairie Dog Creek. A local citizen filed a complaint with the Kansas Department of Health and Environment (KDHE) in early 1971. KDHE and EPA collected wastewater samples in 1971 and 1972 that showed the presence of chromium. In 1974 and 1975, concrete retention vats were installed at the Ace Services facility, and an evaporation lagoon was built immediately adjacent to the facility to receive discharged wastewater. The evaporation lagoon was not lined, however, and chromium-contaminated wastewater was allowed to contaminate soil and infiltrate into the ground. Chrome plating solutions, bulk hazardous wastes, and caustic acidic processing materials contained in vats and drums were present at the site. Groundwater from the Ogallala Aquifer is the sole source of municipal and private drinking water in and around Colby. The Colby public water supply well No. 8 is located 1/5 of a mile from the site. This well was closed by KDHE in 1980 due to chromium concentrations measuring above Federal drinking water standards. Approximately 6,180 people are currently served by seven Colby municipal drinking water wells. All of these wells are located within a 4-mile radius of the site, and each draws water from the Ogallala Aquifer. The area is an agricultural community with a total population of approximately 6,525, including college students and nearby rural residents. Residences and commercial property surround the site.

Site Responsibility:

The site is being addressed through Federal, State, and potentially responsible parties' actions.

NPL LISTING HISTORY

Proposed Date: 02/25/95

Final Date: 09/30/95

Deleted Date:

THREATS AND CONTAMINANTS

Description: Soils and sludge in the lagoon area were contaminated with chromium prior to removal by Ace Services, KDHE and EPA. Surface wastewater was also contaminated with chromium prior to treatment and disposal by KDHE and EPA. The groundwater in the Ogallala Aquifer is contaminated with chromium. Inhalation exposure to lead and chromium VI in indoor air within on-site buildings and ingesting contaminated groundwater are the primary threats to the public.

CLEANUP APPROACH

Response Action Status

Initial Actions: In 1981, Ace Services excavated approximately 2,200 cubic yards of chromium-contaminated soil and sludge from the lagoon area and disposed of it at the Thomas County Landfill, a municipal sanitary landfill. In early 1992, KDHE removed the bulk hazardous liquid and solid wastes stored inside the Ace Services facility. In mid-1994, EPA removed residual contamination (mainly dusts) from the building interior, excavated the concrete trough and the underlying soil, installed additional building support columns near the trough, demolished the wastewater treatment building, excavated underlying soil, and excavated and stabilized the lagoon soil. All waste was shipped off site for disposal, except for approximately 3,000 gallons of wastewater, which were treated on site and discharged to a publicly-owned treatment works.

Groundwater: KDHE installed and sampled three groundwater monitoring wells at the site in 1990. During 1995, KDHE sampled groundwater monitoring wells and residential wells. The EPA conducted indoor air sampling within an onsite building and conducted groundwater sampling of monitoring wells and residential wells in 1996. During 1997, EPA installed 2 additional groundwater monitoring wells and sampled all groundwater monitoring wells and residential wells. The Remedial Investigation/Feasibility Study (RI/FS) were completed in 1999, and a remedy for final cleanup was selected in the Record of Decision signed on May 5, 1999, following a public meeting in Colby.

Description:

Site Facts:

ENVIRONMENTAL PROGRESS



Removing and stabilizing contaminated soils, sludges, dust, and buildings, and treating contaminated wastewater reduced threats at the Ace Service site while investigations into groundwater contamination were conducted and remedial actions will begin in the fall of 1999 by cleaning of the buildings at the site. Remedial design for the groundwater is currently being conducted.

SITE REPOSITORY



EPA Region 7 Superfund
Community Relations Section at
(913) 551-7000

Superfund Records Center
901 N. 5th St.
Kansas City, KS 66101
Mail Stop SUPR
(913)551-4038

REGIONAL CONTACTS

SITE MANAGER:

E-MAIL ADDRESS:

Bob Stewart
stewart.robert@epa.gov.
(913) 551-7654

COMMUNITY INVOLVEMENT

COORDINATOR:

PHONE NUMBER:

Hattie Thomas
(913) 551-7762

PUBLIC INFORMATION CENTER:

E-MAIL ADDRESS:

STATE CONTACT:

PHONE NUMBER:

Daniel Gravatt
(785) 296-6378

MISCELLANEOUS INFORMATION

STATE:

PACIFIC ISLAND(S):

CONGRESSIONAL DISTRICT:

EPA ORGANIZATION:

07GE
01
SFD-MOKS/SUPR

MODIFICATIONS